



Crop Progress and Condition



National Agricultural Statistics Service

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ALASKA: There were 6.0 days suitable for fieldwork last week. Conditions remain dry as the Tanana Valley received little to no rain while South central received less than an inch of rain. Topsoil moisture supplies were reported as 30% very short, 40% short, 30% adequate. Subsoil moisture supplies were listed as 15% very short, 45% short, 40% adequate. Barley was reported as 100% planted; 25% emerged. Oats were reported as 95% planted; 25% emerged. Potatoes were reported as 95% planted. Condition of livestock was reported 30% fair, 60% good, 10% excellent. Range and pasture condition was reported 5% very poor, 20% poor, 50% fair, 25% good. The main farm activities for the week were planting small grains, potatoes and vegetables, irrigating, weed control, farm maintenance.

CROP WEATHER SUMMARY

May 26 – June 1, 2014

Days Suitable for Fieldwork: 6.0

Crop	Topsoil Moisture	Subsoil Moisture
Very Short	30%	15%
Short	40%	45%
Adequate	30%	40%
Surplus	0%	0%
Pan Evaporation ^{1/} UAF-AFES, Trunk Rd		1.04

TANANA VALLEY: An average of 7.0 days was suitable for fieldwork. Topsoil moisture was reported as 40% very short, 60% short. Subsoil moisture was reported as 20% very short, 60% short, 20% adequate. Barley was reported as 100% planted; 25% emerged. Oats were reported as 95% planted; 25% emerged. Emergence of small grains has been hampered by the dry conditions. Potatoes were reported as 100% planted. Condition of livestock was reported as 5% poor, 40% fair, 50% good, 5% excellent. Range and pasture condition was reported 10% very poor, 40% poor, 35% fair, 15% good. Farm activities for the week included planting small grains and potatoes, spraying weeds, irrigating, fence construction and maintenance.

MATANUSKA VALLEY: An average of 5.0 days was suitable for fieldwork. Topsoil moisture was reported as 20% very short, 20% short, 60% adequate. Subsoil moisture was reported as 10% very short, 30% short, 60% adequate. Potato planting was reported as 95% complete. Condition of livestock was reported as 10% fair, 75% good, 15% excellent. Range and pasture condition was reported 10% poor, 55% fair, 35% good. Farm activities for the week included planting potatoes and vegetables, irrigating, weed control, farm maintenance.

KENAI PENINSULA: An average of 7.0 days was suitable for fieldwork. However, many producers spent much of the week planning for livestock and equipment removal in case evacuation was needed due to the large fire. Conditions remained smoky but rain mid week provided some much needed moisture. Topsoil moisture was reported as 5% very short, 15% short, 80% adequate. Subsoil moisture was reported as 20% short, 80% adequate. Potatoes were reported as 100% planted. Farm activities for the week centered around evacuation preparations.

Soil Temperatures (F⁰) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2014	2013	2012	2014	2013	2012	High	Low	
UAF-AFES, Trunk Rd	46	42	na	45	50	na	63	37	0.15
Sawmill Creek	42	44	44	na	na	na	72	29	0.00
Plant Materials Center	51	46	46	51	44	48	64	35	0.63

^{1/} Pan evaporation is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation. na – not available.

Weekly Weather Statistics — Alaska: May 26 - June 1, 2014

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International.....	75	43	57	+3	0.02	1	0.06	-0.58	4	91	+37	360
Fairbanks-Eielson	73	35	54	-1	0.00	0	0.00	-0.72	0	50	-2	257
Nenana	71	39	54	+0	0.00	0	0.06	-0.28	3	49	+10	277
Fort Greely-Allen	68	38	53	+0	0.05	1	0.14	-0.68	3	45	-26	283
Healy River Airport.....	65	39	51	+0	0.10	2	0.17	-0.62	4	26	+3	248
Gulkana Airport.....	66	33	49	+1	0.00	0	0.17	-0.46	1	10	-5	271
Sutton	59	38	48	-2	0.78	5	1.04	+0.18	7	18	+0	287
Palmer	63	39	51	-1	0.26	1	0.27	-0.42	2	89	+51	402
Talkeetna	63	38	50	-2	0.67	5	1.12	-0.59	7	43	+23	327
Willow Airport.....	61	40	51	+0	0.72	5	0.96	+0.33	6	75	+60	380
Anchorage International	60	40	51	+1	0.26	4	0.46	-0.27	5	93	+64	398
Kenai.....	57	32	47	-2	0.59	6	0.99	+0.01	7	22	+11	241
Homer.....	58	40	50	+5	0.96	5	1.07	-0.03	8	38	+30	321
Kodiak.....	60	36	50	+4	0.88	3	1.19	-5.32	6	54	+43	309

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more.

Season cumulative precipitation total starts May 1, 2014.

For more weather information visit www.awis.com or call 1-888-798-9955.

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